



VPDES PERMITS

Threatened and Endangered Species Coordination

To:

- ☒ DGIF, Environmental Review Coordinator
- ☒ DCR (request via the NHDE)
- ☒ USFWS, T/E Review Coordinator

From: Shawn Weimer, Piedmont Regional Office

Date Sent: 05/06/2016

Permit Number: VA0003077

Facility DuPont Teijin Films

Contact: Jennifer Forstner

Phone: 804-530-9844

Address:

3600 Discovery Drive

Chester, VA 23836

Facility Location:

USGS Quadrangle: Hopewell

Latitude/Longitude: 37°21'01" -77°17'29"

Receiving Stream: James River

Attachment A includes coordinates and additional information regarding the facility's outfalls.

Effluent Characteristics and Max Daily Flow:

Outfall 001: 0.47 MGD (average of the monthly maximum flows over past four years), which receives discharges from an industrial wastewater treatment plant, a sanitary wastewater treatment plant, stormwater runoff, cooling tower blowdown, steam boiler blowdown, and fire tank suppression water.

Outfalls 002, 003, 004, and 901 (001 during storm events): Discharges of industrial stormwater runoff

See attached map depicting facility location.

Attachment A

Outfall Coordinates

OUTFALLS	001	002	003	004	901
Receiving Stream	James River	James River	James River	James River	James River
Lat/Lon	37° 21' 05" -77° 17' 32"	37° 21' 04" -77° 17' 33"	37° 21' 08" -77° 17' 30"	37° 21' 08" -77° 17' 30"	37° 21' 05" -77° 17' 32"

Discharge and Treatment Descriptions

OUTFALL NUMBER	DISCHARGE SOURCE	TREATMENT UNITS
001	Cooling Tower Blowdown, Steam Boiler Blowdown, Rainwater Runoff, Cooling Water (IWWTP), Miscellaneous Flows (including chilled water), and Outfalls 101 and 102	pH adjustment
901	Outfall 001 during wet weather events	None
101	Internal Outfall- Industrial Wastewater Treatment Plant (IWWTP): process water and annual GW monitoring rinse and purge water.	Flow equalization, extended aeration activated sludge, sedimentation and multimedia filtration
102	Internal Outfall- Sanitary Wastewater Treatment Plant (SWWTP)	Screening, flow equalization, extended aeration activated sludge, sedimentation and chlorine disinfection.
002	Rainwater Runoff	NA (normally to 001)
003	Rainwater Runoff, Cooling Tower Blowdown, Steam Boiler Blowdown, and Fire Water from weekly diesel checks	NA (normally to 001)
004	Rainwater Runoff	Settling of storm water runoff in ponds before discharge.

VaFWIS - Department of Game and Inland Fisheries

37,21,01.0 -77,17,29.0

is the Search Point

Submit

Cancel

Search Point

- ☐ Change to "clicked" map point
- ☒ Fixed at 37,21,01.0 - 77,17,29.0

Show Position Rings


- ☒ Yes ☐ No
- 1 mile and 1/4 mile at the Search Point

Show Search Area

- ☒ Yes ☐ No
- 3 Search distance miles radius

Search Point is at map center

Base Map Choices

Topography 

Map Overlay Choices

Current List: Position, Search

Map Overlay Legend

-  **Position Rings**
1 mile and 1/4 mile at the Search Point
-  **3 mile radius Search Area**



Point of Search 37,21,01.0 -77,17,29.0

Map Location 37,21,01.0 -77,17,29.0

Select **Coordinate System**: ☒ Degrees, Minutes, Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:100,000 topographic maps (see [Microsoft terraserver-usa.com](http://Microsoft.terraserver-usa.com) for details)

Map projection is UTM Zone 18 NAD 1983 with left 292248 and top 4140994. Pixel size is 16 meters. Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 9600 meters east to west by 9600 meters north to south for a total of 92.1 square kilometers. The map display represents 31501 feet east to west by 31501 feet north to south for a total of 35.5 square miles.

Topographic maps and Black and white aerial photography for year 1990+-

are from the United States Department of the Interior, United States Geological Survey.
Color aerial photography aquired 2002 is from Virginia Base Mapping Program, Virginia
Geographic Information Network.
Shaded topographic maps are from TOPO! ©2006 National Geographic
<http://www.national.geographic.com/topo>
All other map products are from the Commonwealth of Virginia Department of Game and Inland
Fisheries.

map assembled 2016-05-06 08:36:58 (qa/qc March 21, 2016 12:20 - tn=727848 dist=4827
Visitor)
\$poi=37.3502777 -77.2913888

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